

STEREO MOC Status Report
Time Period: 2008:357 - 2008:363

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 357, the transmitter for the DSS 15 track was declared orange on day 354. As an uplink is required to ensure continuous science data collection, DSS 25 was used concurrently for an hour to uplink commands. The uplink sweep during the SSR playback resulted in several minutes of SSR data loss. See DR# G109107 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 359, the SWAVES instrument reset at 13:24:53Z.
- The average daily SSR playback volume for Ahead was 6.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 358, during the DSS 45 track, telemetry lock was intermittent for 21 minutes beginning at 0852Z due to heavy rain. This resulted in many SSR data gaps for day 358. See DR# C106722 for more information.
- On day 358, during the DSS 45 track, the antenna stopped tracking at 0947Z when switching from generator to commercial power. The antenna was brought back on-line and the uplink swept at 1015Z. This resulted in many SSR data gaps for day 358. See DR# C106723 for more information.
- On day 359, during the DSS 15 track, a ranging equipment anomaly caused the loss of all ranging data for the duration of the track. See DR# G109118 for more information.
- On day 359, during the DSS 15 track, telemetry lock was lost for 15 seconds beginning at 0244Z. This resulted in the loss of some SECCHI SSR data.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 7.3 Gbits during this week.